Set	Items I	Description Description
S1	16055	NUCLEIC() ACID? OR OLIGONUCLEOTIDE? OR POLYNUCLEOTIDE OR D-
	NA)	(W) (IMMOBILIZ? OR ATTACH? OR ARRAY? OR SPOT?)
S2	4 5	31 AND (BUFFER? OR SOLUTION? OR SOLVENT) (W) (ARRAY? OR SP-
	OT?	OR BIND? OR IMMOBILZ? OR ATTACH?)
S3	4 F	RD (unique items)
S4	0 8	31 AND (?AMMONIUM OR TEEA OR TEAC OR TEA()AC OR BENATINE)
S5	3 8	31 AND (TRIETHYLAMMONIUM? OR TRIMETHYLAMMONIUM? OR TEEA OR
	TEAC	C OR TEA()AC OR BENATINE)
?		

,

L Number	Hits	Search Text	DB	Time stamp
3	23	(microarray or "gene chip" or "gene array"	USPAT;	2003/03/13 07:29
		or biochip or "dna chip" or "dna array")	US-PGPUB;	
		and (trimethylammonium or	DERWENT	
		triethylammonium) and "succinic anhydride"		
4	26	(microarray or "gene chip" or "gene array"	USPAT;	2003/03/13 07:29
		or biochip or "dna chip" or "dna array")	US-PGPUB;	
		and (trimethylammonium or triethylammonium	DERWENT	
		or "TEAA") and "succinic anhydride"		
6	6	((microarray or "gene chip" or "gene	USPAT;	2003/03/13 07:32
		array" or biochip or "dna chip" or "dna	US-PGPUB;	
		array") and (trimethylammonium or	DERWENT	
		triethylammonium or "TEAA" or "TEAC") and		
		"succinic anhydride") not ((microarray or		
		"gene chip" or "gene array" or biochip or		
	•	"dna chip" or "dna array") and		
		(trimethylammonium or triethylammonium)		
	660	and "succinic anhydride")	HCDAT.	2003/03/13 08:45
7	669	(microarray or "gene chip" or "gene array"	USPAT; US-PGPUB;	2003/03/13 08:43
		or biochip or "dna chip" or "dna array" or support or array) same (trimethylammonium	DERWENT	
		or triethylammonium or "TEAA" or "TEAC")	DEKMENT	
8	239	((microarray or "gene chip" or "gene	USPAT;	2003/03/13 07:58
"	239	array" or biochip or "dna chip" or "dna	US-PGPUB;	-500,00,10
		array" or support or array) same	DERWENT	
		(trimethylammonium or triethylammonium or		
		"TEAA" or "TEAC") ) and (microarray or	1	
		"gene chip" or "gene array" or biochip or		
		"dna chip" or "dna array" or support or		
		array) same glass		
10	2	(((microarray or "gene chip" or "gene	USPAT;	2003/03/13 07:43
		array" or biochip or "dna chip" or "dna	US-PGPUB;	
		array" or support or array) same	DERWENT	
		(trimethylammonium or triethylammonium or		•
		"TEAA" or "TEAC") ) and (microarray or		
		"gene chip" or "gene array" or biochip or		1
		"dna chip" or "dna array" or support or		
		array) same glass) and (((microarray or		
		"gene chip" or "gene array" or biochip or "dna chip" or "dna array" or support or		
		array) same (trimethylammonium or		
		triethylammonium or "TEAA" or "TEAC") )		
		and (microarray or "gene chip" or "gene		
		array" or biochip or "dna chip" or "dna		
		array" or support or array) same		
	1	(polylysine or "poly 1 lysine" or		
		aminosilane))		
9	8	((microarray or "gene chip" or "gene	USPAT;	2003/03/13 07:43
		array" or biochip or "dna chip" or "dna	US-PGPUB;	
		array" or support or array) same	DERWENT	*
	,	(trimethylammonium or triethylammonium or		
		"TEAA" or "TEAC") ) and (microarray or		
		"gene chip" or "gene array" or biochip or		
1		"dna chip" or "dna array" or support or		
1		array) same (polylysine or "poly 1 lysine"		
		or aminosilane)		
11	12	(((microarray or "gene chip" or "gene	USPAT;	2003/03/13 07:44
		array" or biochip or "dna chip" or "dna	US-PGPUB;	
		array" or support or array) same	DERWENT	
		(trimethylammonium or triethylammonium or		
		"TEAA" or "TEAC") ) and (microarray or		
		"gene chip" or "gene array" or biochip or "dna chip" or "dna array" or support or		
		array) same glass) and (methylimidazol or		
	1	dichloroethane)		
	<u> </u>	dichitotoechane/	1	L

12	30	(((microarray or "gene chip" or "gene	USPAT;	2003/03/13 07:58
		array" or biochip or "dna chip" or "dna	US-PGPUB;	
		array" or support or array) same	DERWENT	
		(trimethylammonium or triethylammonium or		
!		"TEAA" or "TEAC") ) and (microarray or		
		"gene chip" or "gene array" or biochip or		
		"dna chip" or "dna array" or support or		
l		array) same glass) and (methylimidazol or		
i		dichloroethane or dichloride)		
13	669	(microarray or "gene chip" or "gene array"	USPAT;	2003/03/13 07:58
		or biochip or "dna chip" or "dna array" or	US-PGPUB;	
		support or array) same (trimethylammonium	DERWENT	
		or triethylammonium or "TEAA" or "TEAC" or	DEKNERT	
	1	"tea-ac")		
15	26	((((microarray or "gene chip" or "gene	USPAT;	2003/03/13 08:31
1		array" or biochip or "dna chip" or "dna	US-PGPUB;	
		array" or support or array) same	DERWENT	
		(trimethylammonium or triethylammonium or		
		"TEAA" or "TEAC") ) and (microarray or	}	
1		"gene chip" or "gene array" or biochip or		
1				
		"dna chip" or "dna array" or support or	1	
	1	array) same glass) and (methylimidazol\$2	1	1
ŀ		or dichloroethane or dichloride)) not	1	1
1		((((microarray or "gene chip" or "gene	1	
Į		array" or biochip or "dna chip" or "dna		
	İ	array" or support or array) same		
		(trimethylammonium or triethylammonium or		
		"TEAA" or "TEAC") ) and (microarray or		1
		"gene chip" or "gene array" or biochip or		
		"dna chip" or "dna array" or support or		
		array) same glass) and (methylimidazol or		
	1	dichloroethane or dichloride))		
16	30	(((microarray or "gene chip" or "gene	USPAT;	2003/03/13 08:31
		array" or biochip or "dna chip" or "dna	US-PGPUB;	
		array" or support or array) same	DERWENT	
		(trimethylammonium or triethylammonium or	DEKWENT	
		(CIIMECHYIAMMONIUM OI CIIECHYIAMMONIUM OI		
İ		"TEAA" or "TEAC") ) and (microarray or		
		"gene chip" or "gene array" or biochip or		
		"dna chip" or "dna array" or support or		
		array) same glass) and (methylimidazol\$2	i	
		or dichloroethane or dichloride)) not		
		((((microarray or "gene chip" or "gene		
		array" or biochip or "dna chip" or "dna		
		array" or support or array) same		
		(trimethylammonium or triethylammonium or		
ļ		"TEAA" or "TEAC") ) and (microarray or		
		"gene chip" or "gene array" or biochip or		
		"dna chip" or "dna array" or support or	1	
	1	array) same glass) and (methylimidazol\$2	1	
	1	or dichloroethane or dichloride)) not	1	
	1	(((microarray or "gene chip" or "gene		
		array" or biochip or "dna chip" or "dna		
	1	array" or support or array) same		
		(trimethylammonium or triethylammonium or		
		1 '		
	i	"TEAA" or "TEAC") ) and (microarray or		
		"gene chip" or "gene array" or biochip or		
		"dna chip" or "dna array" or support or		
		array) same glass) and (methylimidazol or		
	1	dichloroethane or dichloride)))		
14	56	(((microarray or "gene chip" or "gene	USPAT;	2003/03/13 09:39
1		array" or biochip or "dna chip" or "dna	US-PGPUB;	
1		array" or support or array) same	DERWENT	
}			DELWENT	1
		(trimethylammonium or triethylammonium or		]
		"TEAA" or "TEAC") ) and (microarray or	1	
		"gene chip" or "gene array" or biochip or	1	
		"dna chip" or "dna array" or support or		
		array) same glass) and (methylimidazol\$2	1	
		or dichloroethane or dichloride)	1	
17	9	·	USPAT;	2003/03/13 08:52
		dichloride or dicholoroethane) and	US-PGPUB;	= 333, 33, 13 33.32
		(trimethylammonium or triethylammonium or	DERWENT	
İ		TOTAL OF THE ACT OF TH	DEVMENT	
L	<u> </u>	"TEAA" or "TEAC" or "tea ac")		l

435/287.2.ccls. and (methylimidazol\$2 or dichloride or dicholoroethane) and (trimethylammonium or triethylammonium or "TEAA" or "TEAC" or "tea ac") 435/6.ccls. and (methylimidazol\$2 or dichloride or dicholoroethane) and	USPAT; US-PGPUB; DERWENT	2003/03/13 08:53
"TEAA" or "TEAC" or "tea ac") 435/6.ccls. and (methylimidazol\$2 or	DERWENT	
435/6.ccls. and (methylimidazol\$2 or	1	
(trimethylammonium or triethylammonium or	USPAT; US-PGPUB; DERWENT	2003/03/13 09:19
dichloride or dicholoroethane) and	USPAT; US-PGPUB;	2003/03/13 08:53
"TEAA" or "TEAC" or "tea ac") ) and glass (435/6.ccls. and (methylimidazol\$2 or	USPAT;	2003/03/13 08:56
(trimethylammonium or triethylammonium or "TEAA" or "TEAC" or "tea ac") ) and (((microarray or "gene chip" or "gene array" or biochip or "dna chip" or "dna array" or support or array) same (trimethylammonium or triethylammonium or "TEAA" or "TEAC") ) and (microarray or "gene chip" or "gene array" or biochip or "dna chip" or "dna array" or support or	DERWENT	
((435/6.ccls. and (methylimidazol\$2 or dichloride or dicholoroethane) and (trimethylammonium or triethylammonium or "TEAA" or "TEAC" or "tea ac") ) and glass) not ((435/6.ccls. and (methylimidazol\$2 or dichloride or dicholoroethane) and (trimethylammonium or triethylammonium or "TEAA" or "TEAC" or "tea ac") ) and	USPAT; US-PGPUB; DERWENT	2003/03/13 09:45
array" or biochip or "dna chip" or "dna array" or support or array) same (trimethylammonium or triethylammonium or "TEAA" or "TEAC") ) and (microarray or "gene chip" or "gene array" or biochip or "dna chip" or "dna array" or support or		
(immobiliz\$3 or attach\$3 or link\$4) same ((methylimidazol\$2 or dichloride or dicholoroethane) and (trimethylammonium or triethylammonium or "TEAA" or "TEAC" or	USPAT; US-PGPUB; DERWENT	2003/03/13 09:46
(microarray or "gene chip" or "gene array" or biochip or "dna chip" or "dna array") and (trimethylammonium or triethylammonium or "TEAA" or "TEAC") and "succinic	USPAT; US-PGPUB; DERWENT	2003/03/13 09:46
ļ <del>-</del>	USPAT; US-PGPUB; DERWENT	2003/03/13 09:39
6027890.pn.	USPAT; US-PGPUB; DERWENT	2003/03/13 09:45
6027890.URPN. 6027890.URPN. and ((microarray or "gene chip" or "gene array" or biochip or "dna chip" or "dna array" or support or array) same (trimethylammonium or "MTDA")	USPAT USPAT	2003/03/13 09:46 2003/03/13 09:46
	(435/6.ccls. and (methylimidazol\$2 or dichloride or dicholoroethane) and (trimethylammonium or triethylammonium or "TEAA" or "TEAC" or "tea ac")) and glass (435/6.ccls. and (methylimidazol\$2 or dichloride or dicholoroethane) and (trimethylammonium or triethylammonium or "TEAA" or "TEAC" or "tea ac")) and (((microarray or "gene chip" or "gene array" or biochip or "dna chip" or "dna array" or support or array) same (trimethylammonium or triethylammonium or "TEAA" or "TEAC") and (microarray or "gene chip" or "gene array" or biochip or "dna chip" or "dna array" or support or array) same (dishoride or dicholoroethane) and (trimethylammonium or triethylammonium or "TEAA" or "TEAC" or "tea ac")) and glass) not ((435/6.ccls. and (methylimidazol\$2 or dichloride or dicholoroethane) and (trimethylammonium or triethylammonium or "TEAA" or "TEAC" or "tea ac")) and ((microarray or "gene chip" or "gene array" or biochip or "dna achip" or "dna array" or biochip or "dna chip" or "dna array" or support or array) same (trimethylammonium or triethylammonium or "TEAA" or "TEAC") and (microarray or "gene chip" or "gene array" or biochip or "dna array" or biochip or "dna array" or biochip or "dna array" or biochip or "dna array" or biochip or "dna array" or biochip or "dna array" or biochip or "dna array" or biochip or "dna array" or biochip or "dna array" or biochip or "dna array" or biochip or "dna array" or support or array) same glass)) (immobiliz\$3 or attach\$3 or link\$4) same ((methylammonium or "TEAA" or "TEAC" or "TEAC" or "TEAC" or "TEAC" or "TEAC" or "TEAC" or "TEAC" or "TEAC" or "TEAC" or "TEAA" or "TEAC" or "TEAA" or "TEAC" or "TEAA" or "TEAC" or "TEAA" or "TEAC" or "TEAA" or "TEAC" or "TEAA" or "TEAC" or "TEAA" or "TEAC") and "succinic anhydride" (("microarray or "gene chip" or "dna array" or biochip or "dna array" or biochip or "dna chip" or "dna array" or biochip or "dna array" or support or array) same glass) and (methylimidazol\$2 or dichloroethane or dichloride)) not meade.in.  6027890.URPN.  6027890.URPN.  6027890.UR	(435/6.ccls. and (methylimidazol\$2 or dichloride or dicholoroethane) and (trimethylammonium or triethylammonium or "TEAA" or "TEAC" or "tea ac")) and glass (435/6.ccls. and (methylimidazol\$2 or dichloride or dicholoroethane) and (trimethylammonium or triethylammonium or "TEAA" or "TEAC" or "tea ac")) and ((microarray or "gene chip" or "gene array" or biochip or "dna chip" or "dna array" or support or array) same (trimethylammonium or triethylammonium or "Gane chip" or "gene array" or biochip or "dna chip" or "dna chip" or "dna chip" or "dna chip" or "dna chip" or "dna chip" or "dna chip" or "dna chip" or "TEAC") and ((microarray or "TEAA" or "TEAC") and (methylimidazol\$2 or dichloride or dicholoroethane) and (trimethylammonium or triethylammonium or "TEAA" or "TEAC" or "tea ac")) and ((microarray or "gene chip" or "gene array" or biochip or "dna array" or support or array) same (trimethylammonium or triethylammonium or "TEAA" or "TEAC") and (microarray or "gene chip" or "dna array" or biochip or "dna chip" or "dna array" or biochip or "tea ac")) and (microarray or "gene chip" or "gene array" or biochip or "dna chip" or "dna array" or biochip or "tea ac")) and (microarray or "gene chip" or "gene array" or biochip or "dna chip" or "dna array" or biochip or "tea ac")) and (microarray or "gene chip" or "gene array" or biochip or "dna chip" or "dna array" or biochip or "dna chip" or "dna chip" or "dna chip" or "dna chip" or "dna chip" or "dna chip" or "dna chip" or "gene array" or biochip or "dna chip" or "gene array" or biochip or "dna chip" or "gene array" or biochip or "dna chip" or "gene array" or biochip or "dna chip" or "gene array" or biochip or "dna chip" or "gene array" or biochip or "dna chip" or "gene array" or biochip or "dna chip" or "gene array" or biochip or "dna chip" or "gene array" or biochip or "dna chip" or "gene array" or biochip or "dna chip" or "gene array" or biochip or "dna chip" or "gene array" or biochip or "dna chip" or "gene array" or biochip or "dna chip" or "gene array" or biochip or "

28	0	6027890.URPN. and ((microarray or "gene	USPAT;	2003/03/13 09:46
		chip" or "gene array" or biochip or "dna	US-PGPUB;	
		chip" or "dna array" or support or array)	DERWENT	
			DEKMENT	
		same (trimethylammonium or		
		triethylammonium or "TEAA" or "TEAC") )		
29	12		USPAT;	2003/03/13 09:47
	1	array" or biochip or "dna chip" or "dna	US-PGPUB;	
		array") and (trimethylammonium or	DERWENT	
			DEKWENT	
		triethylammonium or "TEAA" or "TEAC") and		
		"succinic anhydride") and ((immobiliz\$3 or		
		attach\$3 or link\$4) same		
		((methylimidazol\$2 or dichloride or		
1		dicholoroethane) and (trimethylammonium or		
			İ	
		triethylammonium or "TEAA" or "TEAC" or		
}		"tea ac")) )		
-	7804	microarray or "gene chip" or "gene array"	USPAT;	2003/03/06 13:51
		or biochip or "dna chip" or "dna array"	US-PGPUB;	
		1	DERWENT	
_	38	(microarray or "gene chip" or "gene array"	1	2002/02/06 12 51
	]		USPAT;	2003/03/06 13:51
		or biochip or "dna chip" or "dna array")	US-PGPUB;	
		and trimethylammonium	DERWENT	1
-	225	(microarray or "gene chip" or "gene array"	USPAT;	2003/03/06 14:08
		or biochip or "dna chip" or "dna array")	US-PGPUB;	= 555, 55, 55 14.56
1	1	and triethylammonium	1	
l _	1		DERWENT	1 0000 400 100
1 -	60	(microarray or "gene chip" or "gene array"	USPAT;	2003/03/06 13:52
1	1	or biochip or "dna chip" or "dna array")	US-PGPUB;	1
		and triethylammonium near4 acetate	DERWENT	1
-	1	(microarray or "gene chip" or "gene array"	USPAT;	2003/03/06 13:52
1	1	or biochip or "dna chip" or "dna array")		2003/03/06 13:32
			US-PGPUB;	
		and trimethylammonium near4 acetate	DERWENT	1
_	55	((microarray or "gene chip" or "gene	USPAT;	2003/03/06 13:57
		array" or biochip or "dna chip" or "dna	US-PGPUB;	
		array") and triethylammonium near4	DERWENT	1
		acetate) and glass	DUINNELLI	
_	3			0000/00/05
-	3	((microarray or "gene chip" or "gene	USPAT;	2003/03/06 14:10
		array" or biochip or "dna chip" or "dna	US-PGPUB;	
		array") and triethylammonium near4	DERWENT	
		acetate) and ("poly 1 lysine" or		i
	}	polylysine or aminosilane or polyamine)		
<u>-</u>	3	(((microarray or "gene chip" or "gene	TIOD NO.	0000/00/06 10 54
	3		USPAT;	2003/03/06 13:54
1		array" or biochip or "dna chip" or "dna	US-PGPUB;	
İ		array") and triethylammonium near4	DERWENT	
		acetate) and ("poly 1 lysine" or		
		polylysine or aminosilane or polyamine))		
		and (((microarray or "gene chip" or "gene		
		array" or biochip or "dna chip" or "dna		
		array or brochip of dna chip of "dna		
		array") and triethylammonium near4		
		acetate) and glass)		
-	17	(((microarray or "gene chip" or "gene	USPAT;	2003/03/06 13:58
	į l	array" or biochip or "dna chip" or "dna	US-PGPUB;	,, 1
		array") and triethylammonium near4	DERWENT	
1		acetate) and glass) or ((microarray or	DECMENT	
1		"gone chin" on the same "		
1	j	"gene chip" or "gene array" or biochip or		]
[		"dna chip" or "dna array") and		]
1	]	trimethylammonium)) and "succinic		
		anhydride"		
-	92	((((microarray or "gene chip" or "gene	USPAT;	2003/03/06 13:58
		array" or biochip or "dna chip" or "dna		2003/03/00 13:58
			US-PGPUB;	
		array") and triethylammonium near4	DERWENT	
		acetate) and glass) or ((microarray or		·
		"gene chip" or "gene array" or biochip or		
	]	"dna chip" or "dna array") and		
	1	trimethylammonium))		
l _	16	(((microarray or "gene chip" or "gene	HODAM .	0000/00/05
	10	comments on biarbia and the composition or "gene	USPAT;	2003/03/06 14:08
		array" or biochip or "dna chip" or "dna	US-PGPUB;	
	1	array") and triethylammonium near4	DERWENT	
		acetate) and glass) and "succinic		
		anhydride"		
<b>-</b>	2	(((microarray or "gene chip" or "gene	IICDVu.	2003/03/06 14:05
		array" or biochip or "dna chip" or "dna	USPAT;	2003/03/06 14:05
	}	array of brochity of and chip" or "and	US-PGPUB;	
		array") and triethylammonium near4	DERWENT	
		acetate) and glass) and dichloroethane		i
Search His		13/03 9.49.57 AM Dago 4		

-	17	((((microarray or "gene chip" or "gene	USPAT;	2003/03/06 14:05
	1	array" or biochip or "dna chip" or "dna	US-PGPUB;	2003/03/00 14:05
		array") and triethylammonium near4	DERWENT	
	1	acetate) and glass) or ((microarray or		
		"gene chip" or "gene array" or biochip or		
		"dna chip" or "dna array") and		
i	ł	trimethylammonium))) and "succinic		
		anhydride"		
_	3		HCDAM.	0000/00/00 14 06
İ		array" or biochip or "dna chip" or "dna	USPAT;	2003/03/06 14:26
		array") and triethylammonium near4	US-PGPUB;	
		acetate) and glass) or ((microarray or	DERWENT	
	1	"gene chip" or "gene array" or biochip or		
		"dna chip" or "dna array") and		i
		trimothylammonium)) ) and	i	
1_	14	trimethylammonium))) and dichloroethane		
	14		USPAT;	2003/03/06 14:07
		array" or biochip or "dna chip" or "dna	US-PGPUB;	1
		array") and trimethylammonium) OR	DERWENT	
		((microarray or "gene chip" or "gene		
		array" or biochip or "dna chip" or "dna		
		array") and triethylammonium near4		
		acetate)) and ("poly 1 lysine" or		
		polylysine or aminosilane or polyamine)		1
-	217		USPAT;	2003/03/06 14:08
		array" or biochip or "dna chip" or "dna	US-PGPUB:	
		array") and triethylammonium) and glass	DERWENT	
-	101	(((microarray or "gene chip" or "gene	USPAT;	2003/03/06 14:08
		array" or biochip or "dna chip" or "dna	US-PGPUB;	1110, 50, 50 11:00
		array") and triethylammonium) and glass)	DERWENT	
		and ("poly 1 lysine" or polylysine or		
		aminosilane or polyamine)		
-	1	((((microarray or "gene chip" or "gene	USPAT;	2003/03/06 14:08
		array" or biochip or "dna chip" or "dna	US-PGPUB;	2003/03/00 14.08
		array") and triethylammonium) and glass)	DERWENT	
		and ("poly 1 lysine" or polylysine or	DERWENT	
		aminosilane or polyamine)) and "succinic		
		anhydride"		
	16	((microarray or "gene chip" or "gene	HCDAM.	2002/02/12 07 02
		array" or biochip or "dna chip" or "dna	USPAT;	2003/03/13 07:23
İ		array") and triethylammonium near4	US-PGPUB;	
ļ		acetate) and "succinic anhydride"	DERWENT	
-	1		HODAM	0000/00/05
	_	array" or biochip or "dna chip" or "dna	USPAT;	2003/03/06 14:25
		array") and trimethylammonium) and ("poly	US-PGPUB;	
		l lysine" or polylysine or aminosilane or	DERWENT	
		polyamino)) and "sussinia anhard it "		
_	1	polyamine)) and "succinic anhydride"	}	
			USPAT;	2003/03/06 14:26
		array" or biochip or "dna chip" or "dna	US-PGPUB;	į l
1		array") and trimethylammonium) and ("poly	DERWENT	ļ
		l lysine" or polylysine or aminosilane or	}	[
l _	1.1	polyamine)) and dichloroethane		
	12	((microarray or "gene chip" or "gene	USPAT;	2003/03/06 14:26
	ļ	array" or biochip or "dna chip" or "dna	US-PGPUB;	
		array") and trimethylammonium) and ("poly	DERWENT	
<b> </b>		l lysine" or polylysine or aminosilane or		
	l	polyamine)		